Claims

1. Electrostatic separator for separating particles containing oil out of a gas stream, having an emission electrode and a deposition electrode, wherein the emission electrode has a front corona region extending into the gas stream and a rear deposition region, characterized by an outlet opening (9) for separated oil running along the deposition electrode (3), wherein this outlet opening (9) is provided at the level of, or behind, the deposition region (5) of the emission electrode (2).

2. Electrostatic separator according to claim 1, characterized by an arrangement of the emission electrode (2) with an upward-pointing corona region (4), wherein provided above the emission electrode (2) is a chamber (7) for redirecting the gas stream, whose chamber walls adjoin the deposition electrode (3) such that oil located on the chamber walls flows downward along the deposition electrode (3) to the outlet opening (9).

3. Electrostatic separator according to claim 2, characterized in that a cyclone is provided above the emission electrode (2).

4. Electrostatic separator according to claim 1, characterized by an arrangement of the emission electrode (2) with a downward-pointing corona region (4), wherein a chamber (7) for redirecting the gas stream is provided above the emission electrode (2), and wherein the outlet opening (9) is arranged between the deposition electrode (3) and the chamber (7).

5. Electrostatic separator according to claim 4, characterized in that the chamber (7) contains a baffle (10).